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PATENT  
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**IN THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend claims 31, 34, and 35.

Please add claims 82-89.

**STATUS OF CLAIMS**

Claims 1-29 (**withdrawn**).

Claim 30 (**previously cancelled**)

Claim 31 (**currently amended**)     The An isolated polypeptide of claim 30, wherein said polypeptide comprises a fragment of a polypeptide with a sequence selected from the group consisting of SEQ ID NO: 2 and SEQ ID NO:4 or a fragment thereof.

B<sup>1</sup>  
Claims 32-33 (**previously cancelled**)

Claim 34 (**currently amended**)     The polypeptide of claim 31 ~~30~~ wherein said polypeptide comprises a ~~fragment of a polypeptide with a~~ sequence selected from the group consisting of SEQ ID NO:2 and SEQ ID NO:4.

Claim 35 (**currently amended**)     A composition comprising a polypeptide of claim 31 ~~30~~ and an acceptable carrier or diluent.

Claims 36-81 (**withdrawn**).

Claim 82 (**new**) The polypeptide of claim 31 wherein said amino acid sequence is at least 95% homologous to SEQ ID NO:2.

Claim 83 (**new**) The isolated polypeptide of claim 31, wherein said polypeptide is a seven transmembrane receptor.

Claim 84 (**new**) The isolated polypeptide of claim 83, wherein said seven transmembrane receptor is a G-protein coupled receptor.

Claim 85 (**new**) The isolated polypeptide of claim 31 wherein said fragment comprises at least 5 amino acids.

Claim 86 (**new**) The isolated polypeptide of claim 31 wherein said fragment comprises at least 20 amino acids.

B<sup>1</sup> Claim 87 (**new**) A purified and isolated polypeptide encoded by a polynucleotide comprising a nucleotide sequence wherein said polynucleotide hybridizes to the nucleotide sequence set forth in SEQ ID NO: 1 or SEQ ID NO:3 or the noncoding strand complementary thereto, under stringent hybridization conditions with the provision that the polynucleotide comprises a nucleotide sequence that differs from the sequence set forth as SEQ ID NO: 1 or SEQ ID NO: 3 and from its complementary strand by at least one nucleotide.

Claim 88 (**new**) The polypeptide of claim 87, wherein said polypeptide is a seven transmembrane receptor.

Claim 89 (**new**) The polypeptide of claim 88, wherein said seven transmembrane receptor is a G-protein coupled receptor.

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